Sheet 1 of 1

| | | | | | | | |
|---|---|--|-----------------------------|---|----------|---|--|
| SUBSTITUTE FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed | | 00786/270002 09/243,008 Brian Seed et al. February 2, 1999 1646 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | | | | | | |
| (37 CFR §1.98(b)) | | | | | | | |
| U.S. PATENTS | | | | | | | |
| Examiner's Initials | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date (If Appropriate) | |
| | | | | | | | |
| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION | | | | | | | |
| Examiner's Initials | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation (Yes/No) | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) | | | | | | | |
| <i>PN</i> | Stancovski et al., "Targeting of T Lymphocytes to Neu/HER2-Expressing Cells Using Chimeric Single Chain Fv Receptors" <i>The Journal of Immunology</i> 151:6577-6582 (1993) | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| EXAMINER | <i>Patricia J. Nolan</i> | | | DATE CONSIDERED | | | |
| | | | | <i>11/15/99</i> | | | |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant. | | | | | | | |

Sheet 1 of 24

| | | | | | | |
|---|------------------|--|--------------------------|---------------------|-------------------|------------------------------|
| SUBSTITUTE FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Attorney Docket No. | 00786/270002 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b)) | | | | Serial No. | 09/243,008 | |
| | | | | Applicant | Brian Seed et al. | |
| | | | | Filing Date | February 2, 1999 | |
| | | | | Group | 1644 | |
| | | | | IDS Filed | | |
| U.S. PATENTS | | | | | | |
| Examiner's Initials | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date (If Appropriate) |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION | | | | | | |
| Examiner's Initials | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation (Yes/No) |
| PN | 0 325 262 | 07/26/89 | Europe | | | |
| PN | WO 95/21528 | 08/17/95 | PCT | | | |
| | | | | | | |
| | | | | | | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| EXAMINER | Peterson J-Nolan | | | DATE CONSIDERED | 11/5/99 | |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant. | | | | | | |

Sheet 2 of 24

| | | | |
|--|--|---------------------|-------------------|
| SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b)) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | Attorney Docket No. | 00786/270002 |
| | | Serial No. | 09/243,008 |
| | | Applicant | Brian Seed et al. |
| | | Filing Date | February 2, 1999 |
| | | Group | 1644 |

U.S. PATENTS

| Examiner's Initials | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date (If Appropriate) |
|------------------------|---------------|------------|----------|-------|----------|---------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation (Yes/No) |
|----|--------------------|---------------------|-----------------------------|-------|----------|-------------------------|
| PN | WO88/01649 | 03/10/88 | PCT | | | |
| | | | | | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

| | |
|----|--|
| PN | Bernard et al., "High-affinity interleukin 2 binding by an oncogenic hybrid interleukin 2-epidermal growth factor receptor molecule," Proc. Natl. Acad. Sci. USA 84:2125-2129 (1987) |
| | Yarden et al., "Growth Factor Receptor Tyrosine Kinases," Ann. Rev. Biochem. 57:443-478 (1988) |
| | Alexander et al., "Kinases and phosphatases in T-cell activation," Immunology Today 10:200-205 (1989) |
| | Ashwell et al., "Genetic and Mutational Analysis of the T-Cell Antigen Receptor," Ann. Rev. Immunol. 8:139-167 (1990) |
| PN | Verhoeyen et al., "Reshaping Human Antibodies: Grafting an Antilysozyme Activity," Science 259:1534-1536 (1988) |
| | |
| | |
| | |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

Notice of References CitedApplication No.
00786-270002

Applicant(s)

Seed et al.

Examiner

NOLAN

Group Art Unit

1644

U.S. PATENT DOCUMENTS

| | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS |
|---|--------------|----------|--------------|-------|----------|
| A | 5,359,046 | 10-25-94 | Capon et al. | 536 | 23.4 |
| B | | | | | |
| C | | | | | |
| D | | | | | |
| E | | | | | |
| F | | | | | |
| G | | | | | |
| H | | | | | |
| I | | | | | |
| J | | | | | |
| K | | | | | |
| L | | | | | |
| M | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NO. | DATE | COUNTRY | NAME | CLASS | SUBCLASS |
|---|--------------|------|---------|------|-------|----------|
| N | | | | | | |
| P | | | | | | |
| Q | | | | | | |
| R | | | | | | |
| S | | | | | | |
| T | | | | | | |

NON-PATENT DOCUMENTS

| | DOCUMENT (Including Author, Title, Source, and Pertinent Pages) | DATE |
|---|---|-------|
| U | Johnston et al., Science, 260: 1286-1293, 1993 | 5-93 |
| V | Haynes, Science, 260: 1279-1285, 1993 | 5-93 |
| W | Harding et al., J. Exp. Med., 177: 1791-1796, 1993 | 6-93 |
| X | Swartz, Cell, 71: 1065-1068, 1992 | 12-92 |

Sheet 4 of 24

| | | | | | | |
|---|--------------------|--|-----------------------------|---------------------|-------------------|---------------------------------|
| SUBSTITUTE FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Attorney Docket No. | 00786-270002 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b)) | | | | Serial No. | 09/243,008 | |
| | | | | Applicant | Brian Seed et al. | |
| | | | | Filing Date | 02/02/99 | |
| | | | | Group | 1644 | |
| U.S. PATENTS | | | | | | |
| Examiner's Initials | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date (If Appropriate) |
| PN | 5,686,281 | 11/11/97 | Roberts | 435 | 172.3 | |
| PN | 5,712,149 | 01/27/98 | Roberts | 435 | 252.3 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION | | | | | | |
| | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation (Yes/No) |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| EXAMINER | Patrick J. Nolan | | | DATE CONSIDERED | 11/15/99 | |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant. | | | | | | |

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99GROUP
1644

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|---------------|---------------|----------------|-------|----------|-------------------------------|
| PN | AA | 5 5 0 4 0 0 0 | 04/02/96 | Littman et al. | | | |
| | AB | 5 4 3 9 8 1 9 | 08/08/95 | Littman et al. | | | |
| | AC | 5 3 3 6 6 0 3 | 08/09/94 | Capon et al. | | | |
| PN | AD | 5 2 2 5 5 3 8 | 07/06/93 | Capon et al. | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|---------------------|-----------------------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AE | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|---|
| PN | AF | Marshall, Science 269:1050-1055 (1995) |
| | AG | Brown, Washington Post, A1 and A22 (12/8/95) |
| | AH | Jones et al., Nature 323:346-349 (9/25/86) |
| | AI | Suda et al., Blood 79(9):2288-2295 (5/1/92) |
| | AJ | He et al., Blood 79(9):2296-2302 (5/1/92) |
| | AK | Nakumara et al., Exp. Hematology 21:236-242 (1993) |
| PN | AL | Alberola-Ila et al., J. Immunology 151(9):4423-4430 (11/1/93) |

EXAMINER

Patent J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DCKET#

00786-270002

SERIAL NO.
09/243,008

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Brian Seed et al.

FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | BA | Maggio et al., Proc. Natl. Acad. Sci. 90:3103-3107 (04/93) |
| | | |
| | BB | Taniguchi et al., Journal of Biological Chem. 266:15790-15796 (1991) |
| | | |
| | BC | Bachmann et al., Current Biology 6:320-326 (1994) |
| | | |
| | BD | Coghlan et al., New Scientist 14-15 (11/25/95) |
| | | |
| | BE | Abraham and Veillette, Mol. Cell Biol. 10:5197-5206 (1990) |
| | | |
| PN | BF | Appleby et al., Cell 70:751-763 (1992) |
| | | |

EXAMINER

Patrich J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

SUBSTITUTE FORM PTO-1449
(MODIFIED)J.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | CA | Balk and Terhorst, Immunol. Ser. 45:411-416 (1989) |
| | | |
| | CB | Bell et al., Mol. Cell Biol. 12:5549-5554 (1992) |
| | | |
| | CC | Bolen et al., Adv. Cancer Res. 57:103-149 (1991) |
| | | |
| | CD | Burkhardt et al., Proc. Natl. Acad. Sci. USA 88:7410-7414 (1991) |
| | | |
| | CE | Campbell and Sefton, Mol. Cell Bio. 12:2315-2321 (1992) |
| | | |
| | CF | Campbell and Sefton, EMBO J. 9:2125-2131 (1990) |
| | | |
| | CG | Carter et al., Proc. Natl. Acad. Sci. USA 88:2745-2749 (1991) |
| | | |
| | CH | Chan et al., Proc. Natl. Acad. Sci. USA 88:9166-9170 (1991) |
| | | |
| | CI | Clark and Ledbetter, Adv. Cancer Res. 52:81-149 (1989) |
| | | |
| | CJ | Clark et al., Science 258:123-126 (1992) |
| | | |
| | CK | Cooke et al., Cell 65:281-291 (1991) |
| | | |
| | CL | Cooke and Perlmutter, New Biol. 1:66-74 (1989) |
| | | |
| | CM | Davidson et al., J. Exp. Med. 175:1483-1492 (1992) |
| | | |
| | CN | DeFranco, Eur. J. Biochem. 210:381-388 (1992) |
| | | |
| PN | CO | Eiseman and Bolen, Nature 355:78-80 (1992) |
| | | |

EXAMINER

Patricia J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET ...
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et alFILING DATE
02/02/99GROUP
1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|---|
| PN | DA | Gassman et al., Eur. J. Immunol. 22:283-286 (1992) |
| | | |
| I | DB | Glaichenhaus et al., Cell 64:511-520 (1991) |
| | | |
| | DC | Gold et al., Nature 345:810-813 (1990) |
| | | |
| | DD | Goldsmith and Weiss 84:6879-6883 (1987) |
| | | |
| | DE | Grant et al., Science 258:1903-1910 (1992) |
| | | |
| | DF | Hatakeyama et al., Science 252:1523-1528 (1991) |
| | | |
| | DG | Huang et al., J. Biol. Chem. 267:5467-5473 (1992) |
| | | |
| | DH | Hutchcroft et al., Proc. Natl. Acad. Sci. USA 89:9107-9111 (1992) |
| | | |
| | DI | Hutchcroft et al., J. Biol. Chem. 266:14846-14849 (1991) |
| | | |
| | DJ | Hutchcroft et al., J. Biol. Chem. 267:8613-8619 (1992) |
| | | |
| | DK | Irving et al., J. Exp. Med. 177:1093-1103 (1993) |
| | | |
| | DL | June et al., J. Immunol. 144:1591-1599 (1990) |
| | | |
| | DM | June et al., Proc. Natl. Acad. Sci. USA 87:7722-7726 (1990) |
| | | |
| | DN | Karnitz et al., Mol. Cell. Biol. 12:4521-4530 (1992) |
| | | |
| PN | DO | Koga et al., Eur. J. Immunol. 16:1643-1646 (1986) |
| | | |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
00786-270002

SERIAL NO.
09/243,008

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Brian Seed et al.

FILING DATE
02/02/99

GROUP
1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|---|
| PN | EA | Kolanus et al., EMBO J. 11:4861-4868 (1992) |
| | EB | Kroczeck et al., Nature 322:181-184 (1986) |
| | EC | Lane et al., J. Immunol. 146:715-722 (1991) |
| | ED | Letourneur and Klausner, Science 255:79-82 (1992) |
| | EE | Letourneur and Klausner, Proc. Natl. Acad. Sci. USA 88:8905-8909 (1991) |
| | EF | Li et al., Mol. Cell. Biol. 12:3176-3182 (1992) |
| | EG | Luo and Sefton, Mol. Cell. Biol. 12:4724-4732 (1992) |
| | EH | Muller et al., Mol. Cell. Biol. 12:5087-5093 (1992) |
| | EI | Mustelin et al., Science 247:1584-1587 (1990) |
| | EJ | Nishibe et al., Science 250:1253-1256 (1990) |
| | EK | Park et al., J. Biol. Chem. 266:24237-24240 (1991) |
| | EL | Park et al., Proc. Natl. Acad. Sci. USA 88:5453-5456 (1991) |
| | EM | Pendergast et al., Cell 66:161-171 (1991) |
| | EN | Rudd et al., Proc. Natl. Acad. Sci. USA 85:5190-5194 (1988) |
| PN | EO | Samelson et al., Proc. Natl. Acad. Sci. USA 87:4358-4362 (1990) |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | FA | Secrist et al., J. Biol. Chem. 268:5886-5893 (1993) |
| | | |
| | FB | Secrist et al., J. Biol. Chem. 266:12135-12139 (1991) |
| | | |
| | FC | Stanley et al., J. Immunol. 145:2189-2198 (1990) |
| | | |
| | FD | Stefanova et al., Science 254:1016-1019 (1991) |
| | | |
| | FE | Shaw et al., Cell 59:627-636 (1989) |
| | | |
| | FF | Stein et al., Cell 70:741-750 (1992) |
| | | |
| | FG | Straus and Weiss, Cell 70:585-593 (1992) |
| | | |
| | FH | Sugie et al., Proc. Natl. Acad. Sci. USA 88:9132-9135 (1991) |
| | | |
| | FI | Thomas and Samelson, J. Biol. Chem. 267:1231-1232 (1992) |
| | | |
| | FJ | Tsygankov et al., J. Biol. Chem. 267:18259-18262 (1992) |
| | | |
| | FK | Turner et al., Cell 60:755-765 (1990) |
| | | |
| | FL | Veillette et al., Cell 55:301-308 (1988) |
| | | |
| | FM | Wange et al., J. Biol. Chem. 267:11685-11688 (1992) |
| | | |
| PN | FN | Webb et al., Science 249:1295-1297 (1990) |
| | | |

EXAMINER

Patricia J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|---|
| PN | GA | Weiss et al., Annu. Rev. Genet. 25:487-510 (1991) |
| | | |
| | GB | Wong et al., Oncogene 7:2401-2415 (1992) |
| | | |
| | GC | Yamanashi et al., Science 251:192-194 (1991) |
| | | |
| | GD | Yeh et al., J. Immunol. 138:91-97 (1987) |
| | | |
| | GE | Yokoyama and Shevach, Year Immunol. 4:110-146 (1989) |
| | | |
| | GF | Zioncheck et al., J. Biol. Chem. 263:19195-19202 (1988) |
| | | |
| | GG | Zioncheck et al., J. Biol. Chem. 261:15637-15643 (1986) |
| | | |
| | GH | Littman et al., Cell 40:237 (1985) |
| | | |
| | GI | Kinet, Cell 57:351 (1989) |
| | | |
| | GJ | Riedel et al., Nature 324:68 (1986) |
| | | |
| PN | GK | Riedel et al., EMBO J. 8:2943 (1989) |
| | | |
| | GL | |
| | | |

EXAMINER

Patricia J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOC. NO.
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|---------------|---------------|---------------|-------|----------|-------------------------------|
| PN | AA | 4 9 4 6 7 7 8 | 08/07/90 | Ladner et al. | | | |
| | AB | 5 0 9 1 5 1 3 | 02/25/91 | Huston et al. | | | |
| | AC | 4 6 9 0 9 1 5 | 9/1/87 | Rosenberg | 514 | 2 | |
| PN | AD | 5 3 5 9 0 4 6 | 10/25/94 | Capon et al. | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|----|----|-----------------|---------------------|-----------------------------|--------|----------|-------------|----|
| | | | | | | | YES | NO |
| PN | AE | 224379 | 12/21/90 | New Zealand | C12N15 | | X | |
| | AF | EP 0 180 878 | 5/14/86 | Europe | C12N15 | | X | |
| | AG | EP 0 340 793 | 11/8/89 | Europe | C12N15 | | X | |
| | AH | WO 86/01533 | 3/13/86 | PCT | C12N15 | | X | |
| | AI | WO 90/11360 | 10/4/90 | PCT | C12N15 | | X | |
| | AJ | WO 92/10591 | 6/25/92 | PCT | C12Q1 | | X | |
| | AK | WO 92/15322 | 9/17/92 | PCT | A61K37 | | X | |
| | AL | WO 93/19163 | 9/30/93 | PCT | C12N1 | | X | |
| | AM | EP 0 394 827 | 31.10.90 | Europe | | | | |
| | AN | EP 0 314 317 | 03.05.89 | Europe | | | | |
| | AO | WO 90/04640 | 03.05.90 | PCT | | | | |
| PN | AP | WO 91/10736 | | PCT | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|---|
| PN | AQ | Accolla, J. Exp. Med. 157:1053-1058 (1983) |
| | AR | Anderson et al., Proc. Natl. Acad. Sci. USA 87:2274-2278 (1990) |
| | AS | Anderson et al., Nature 341:159-162 (1989) |
| PN | AT | Aruffo et al., Proc. Natl. Sci. USA 84:8573-8577 (1987) |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | BA | Aruffo and Seed, EMBO J. 6:3313 (1987) |
| | | |
| | BB | Ashorn et al., J. Virol. 64:2149 (1990) |
| | | |
| | BC | Baniyash et al., J. Biol. Chem. 263:9874-9878 (1988) |
| | | |
| | BD | Bauer et al., Proc. Natl. Acad. Sci. USA 88:3842 (1991) |
| | | |
| | BE | Becker et al., Biochemistry 51:577-585 (1964) |
| | | |
| | BF | Becker et al., Cell 58:911-921 (1989) |
| | | |
| | BG | Berke et al., "T Lymphocyte-Mediated Cytolysis - A Comprehensive Theory", The Mechanism of CTL-Mediated Cytolysis, Mechanisms of Cell Mediated Cytotoxicity pp. 57-73 (1992) |
| | | |
| | BH | Berke, Immunological Rev. 72:5-42 (1983) |
| | | |
| | BI | Berke, Immunology Today 12:396-399 (1991) |
| | | |
| | BJ | Berkhout et al., J. Biol. Chem. 263:8528-8536 (1988) |
| | | |
| | BK | Blank et al., Nature 337:187-189 (1989) |
| | | |
| | BL | Blumberg et al., J. Infectious Diseases 156:878-883 (1987) |
| | | |
| PN | BM | Blumberg et al., J. Biol. Chem. 265:14036 (1990) |
| | | |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOC. NO.
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | CA | Boyle et al., Gene 65:123-128 (1988) |
| | | |
| I | CB | Breitmeyer et al., J. Immunol. 138:726 (1987) |
| | | |
| | CC | Buonocore et al., Nature 345:625-628 (1990) |
| | | |
| | CD | Byrn et al., Nature 344:667-670 (1990) |
| | | |
| | CE | Capon et al., Nature 337:525-531 (1989) |
| | | |
| | CF | Carr et al., J. Biol. Chem. 264:21286-21295 (1989) |
| | | |
| | CG | Chakrabarti et al., Nature 320:535-537 (1986) |
| | | |
| | CH | Chaudhary et al., Nature 335:369-372 (1988) |
| | | |
| | CI | Chan et al., Cell 71:649-662 (1992) |
| | | |
| | CJ | Clark et al., "T Lymphocyte-Mediated Cytolysis - A Comprehensive Theory", Lytic vs. Nonlytic Interactions of T Lymphocytes pp. 69-73 |
| | | |
| | CK | Clayton et al., J. Exp. Med. 172:1243-1253 (1990) |
| | | |
| | CL | Clayton et al., Proc. Natl. Acad. Sci. USA 88:5202 (1991) |
| | | |
| PN | CM | Cline, Schweiz. med. Wschr. 116:1459-1464 (1986) |
| | | |

EXAMINER

Patricia J. Noel

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DCKET NO.
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | DA | Dagleish et al., Nature 312:763-767 (1984) |
| | DB | Deen et al., Nature 331:82-84 (1988) |
| | DC | Denny et al., Nature 320:549-551 (1986) |
| | DD | Doyle et al., Nature 330:256-259 (1987) |
| | DE | Earl et al., J. Virol. 64:2448-2451 (1990) |
| | DF | Falkner et al., J. Virol. 62:1849-1854 (1988) |
| | DG | Fanger et al., Immunology Today 10:92-99 (1989) |
| | DH | Fisher et al., Nature 331:76-78 (1988) |
| | DI | Fleit et al., Proc. Natl. Acad. Sci. USA 79:3275-3279 (1982) |
| | DJ | Frank et al., Science 249:174-177 (1990) |
| | DK | Friedman et al., Nature 335:452-454 (1988) |
| | DL | Gryniewicz et al., J. Biol. Chem. 260:3440-3450 (1985) |
| PN | DM | Gauen et al., Mol. Cell. Biol. 12:5438-5446 (1992) |

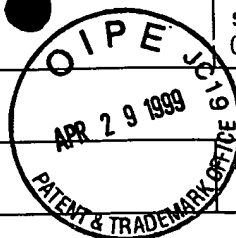
EXAMINER

Patricia J. NOL

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | EA | Gay et al., Nature 328:626-629 (1987) |
| | | |
| | EB | Goldstein et al., Immunol. Rev. 68:5-42 (1982) |
| | | |
| | EC | Gorny et al., Proc. Natl. Acad. Sci. USA 86:1624 (1989) |
| | | |
| | ED | Goverman et al., Cell 60:929-939 (1990) |
| | | |
| | EE | Green et al., Cell 58:215-223 (1989) |
| | | |
| | EF | Gross et al., Proc. Natl. Acad. Sci. USA 86:10024-10028 (1989) |
| | | |
| | EG | Haynes, Science 260:1279-1293 (1993) |
| | | |
| | EH | Hermanson et al., Proc. Natl. Acad. Sci. USA 85:6890-6894 (1988) |
| | | |
| | EI | Hibbs et al., Science 246:1608-1611 (1989) |
| | | |
| | EJ | Hildreth et al., Science 244:1075-1078 (1989) |
| | | |
| | EK | Hoffenbach et al., J. Immunol. 452-462 (1989) |
| | | |
| PN | EL | Hussey et al., Nature 331:78-81 (1988) |
| | | |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOC. NO.
00786-27002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | FA | Irving and Weiss, Cell 64: 891-901 (1991) |
| | | |
| | FB | Jenkins et al., Immunological Reviews 95:113-135 (1987) |
| | | |
| | FC | Jin et al., Proc. Natl. Acad. Sci. USA 87:3319-3323 (1990) |
| | | |
| | FD | Johnston et al., Science 260:1286-1293 (1993) |
| | | |
| | FE | Klatzmann et al., Nature 312:767-768 (1984) |
| | | |
| | FF | Kolanus et al., Cell 74:1-20 (1993) |
| | | |
| | FG | Kohler et al., Eur. J. Immunol. 6:511 (1976) |
| | | |
| | FH | Kohler et al., Nature 256:495 (1975) |
| | | |
| | FI | Kohler et al., Eur. J. Immunol. 6:292 (1976) |
| | | |
| | FJ | Krissansen et al., EMBO J. 5:1799-1808 (1986) |
| | | |
| | FK | Kurosaki et al., Nature 342:805-807 (1989) |
| | | |
| | FL | Kuster et al., J. Biol. Chem. 265:6448-6452 (1990) |
| | | |
| PN | FM | Kuwana et al., Biochem. Biophys. Res. Comm. 149:960-968 (1987) |
| | | |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DCKET NO.
00786-270002

APPLICANT
Brian Seed et al.

FILING DATE
02/02/99

SERIAL NO.
009/243,008

GROUP

1644

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | GA | Lamarre et al., Science 245:743-746 (1989) |
| | | |
| | GB | Lanier et al., Nature 342:803-805 (1989) |
| | | |
| | GC | Lawson et al., J. Biol. Chem. 263:14812-14818 (1988) |
| | | |
| | GD | Lifson et al., Nature 323:725-728 (1986) |
| | | |
| | GE | Lifson et al., Science 241:712-716 (1988) |
| | | |
| | GF | Maddon et al., Cell 47:333-348 (1986) |
| | | |
| | GG | Malim et al., Cell 58:205-214 (1989) |
| | | |
| | GH | Marasco et al., J. Clin. Invest. 90:1467 (1992) |
| | | |
| | GI | McDougal et al., Science 231:382 (1986) |
| | | |
| | GJ | Mellman, Curr. Opin. Immunol. 1:16-25 (1988) |
| | | |
| | GK | Mercep et al., Science 242:571-574 (1988) |
| | | |
| | GL | Mercep et al., Science 246:1162-1165 (1989) |
| | | |
| | GM | Miettinen et al., Cell 58:317-327 (1989) |
| | | |
| PN | GN | Morley et al., J. Exp. Med. 168:1971-1978 (1988) |
| | | |

EXAMINER

Patricia J. N26

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DCK NO.
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et alFILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|---|
| PN | HA | Oettgen et al., Nature 320:272-275 (1986) |
| | | |
| | HB | Orloff et al., Nature 347:189-191 (1990) |
| | | |
| | HC | Ohashi et al., Nature 316:606-609 (1985) |
| | | |
| | HD | Ostergaard et al., J. Immunol. 139:3573-3579 (1987) |
| | | |
| | HE | Perussia et al., J. Exp. Med. 170:73-86 (1989) |
| | | |
| | HF | Potocnjak, et al., Science 215:1637 (1982) |
| | | |
| | HG | Qiu et al., Science 248:732-735 (1990) |
| | | |
| | HH | Ra et al., J. Biol. Chem. 264:15323-15327 (1989) |
| | | |
| | HI | Ra et al., Nature 341:752-754 (1989) |
| | | |
| | HJ | Rabinovitch et al., J. Immunol. 137:952:961 (1986) |
| | | |
| | HK | Ravetch et al., J. Exp. Med 170:481-497 (1989) |
| | | |
| | HL | Ravetch and Kinet, Annu. Rev. Immunol. 9:457-492 (1991) |
| | | |
| ✓ | HM | Reinherz and Schlossman, Cell 19:821-827 (1980) |
| | | |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCK NO.
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | IA | Reinherz et al., Proc. Natl. Sci. USA 76:4061-4065 (1979) |
| | | |
| | IB | Reth, Nature 338:383 (1989) |
| | | |
| | IC | Rice et al., J. Virol. 47:529-539 (1983) |
| | | |
| | ID | Romeo et al., Cell 64:1037-1046 (1991) |
| | | |
| | IE | Romeo et al., Cold Spring Harbor Symposia on Quantitative Biology, LVII:117-125 (1992) |
| | | |
| | IF | Romeo et al., Cell 68:889-897 (1992) |
| | | |
| | IG | Rosenberg et al., New Eng. J. Med. 323:570-578 (1990) |
| | | |
| | IH | Rosenberg, Scientific American 62-69 (1990) |
| | | |
| | II | Sakaguchi et al., EMBO J. 7:3457-3464 (1988) |
| | | |
| | IJ | Samelson et al., Cell 43:223-231 (1985) |
| | | |
| | IK | Sancho et al., J. Biol. Chem. 264:20760 (1989) |
| | | |
| | IL | Sattentau et al., Cell 52:631-633 (1988) |
| | | |
| PN | IM | Schwartz et al., Science 248:1349-1356 (1990) |
| | | |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

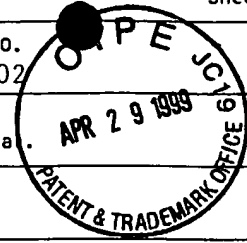
11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOC. NO.
00786-270002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644



OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | JA | Schwartz et al., Cell 71:1065-1068 (1992) |
| | | |
| | JB | Sharpira-Nahor et al., J. Immunol. 139:35-36 (1987) |
| | | |
| | JC | Shen et al., Molecular Immunol. 26:959 (1989) |
| | | |
| | JD | Sleckman et al., Nature 328:351-353 (1987) |
| | | |
| | JE | Smith et al., Science 238:1704-1707 (1987) |
| | | |
| | JF | Sodroski et al., Nature 322:470-477 (1986) |
| | | |
| | JG | Sodroski et al., Nature 321:412-417 (1986) |
| | | |
| | JH | Sussman et al., Cell 52:85-95 (1988) |
| | | |
| | JI | Till et al., Science 242:1166-1168 (1988) |
| | | |
| | JJ | Tirosh et al., Cellular Immunology 95:113-123 (1985) |
| | | |
| | JK | Traunecker et al., Nature 331:84-86 (1988) |
| | | |
| | JL | Traunecker et al., Nature 339:68-70 (1989) |
| | | |
| PN | JM | Trenn et al., Nature 330:72-74 (1987) |
| | | |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DCK NO.
00786-27002APPLICANT
Brian Seed et al.FILING DATE
02/02/99SERIAL NO.
09/243,008

GROUP

1644

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|---|
| PN | KA | Wacholtz et al., J. Immunology 150:5338-5349 (1993) |
| | KB | Wands et al. Gastroenterology 80:225-232 (1981) |
| | KC | Watanabe et al., Nature 337:267-270 (1989) |
| | KD | Weiss et al., J. Immunol. 133:123-128 (1984) |
| | KE | Wegener et al., Cell 68:83-95 (1992) |
| | KF | Weiss et al., Nature 324:572-575 (1986) |
| | KG | Weiss et al., Cold Spring Harbor Symposia on Quantitative Biology LVII:107-116 (1992) |
| | KH | Weiss et al., J. Exp. Med. 160:1284-1299 (1984) |
| | KI | Weissman et al., Proc. Natl. Acad. Sci. USA 85:9709-9713 (1988) |
| | KJ | Weissman et al., Nature 324:480-482 (1986) |
| | KK | Weissman et al., Science 239:1018-1021 (1988) |
| PN | KL | Weissman et al., EMBO J. 8:3651-3656 (1989) |

EXAMINER

Patricia J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DCKET NO.
00786-27002SERIAL NO.
09/243,008INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Brian Seed et al.FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|--|
| PN | LA | Yague et al., Cell 42:81-87 (1985) |
| | | |
| | LB | Yoffe et al., Proc. Natl. Acad. Sci. USA 84:1429-1433 (1987) |
| | | |
| | LC | Young et al., J. Exp. Med. 166:1884-1889 (1987) |
| | | |
| | LD | Zettlmeissl et al., DNA and Cell Biology 9:347-353 (1990) |
| | | |
| | LE | Trono et al., Cell 59:113-120 (1989) |
| | | |
| | LF | Tunnacliffe et al., EMBO J. 6:2953-2957 (1987) |
| | | |
| | LG | Unkeless et al., Annu. Rev. Immunol 6:251-281 (1988) |
| | | |
| | LH | Valentin et al., J. Immunol. 144:934-937 (1990) |
| | | |
| | LI | van den Elsen et al., Proc. Natl. Acad. Sci. USA 83:2944-2948 (1986) |
| | | |
| PN | LJ | Orloff et al., J. Biol. Chem. 264:14812-14817 (1989) |
| | | |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOKK P.
00786-278802

SERIAL NO.
09/243,008

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Seed et al.

FILING DATE
02/02/99

GROUP

1644

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|---------------|---------------|----------|-------|----------|-------------------------------|
| AA | | | | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|----|----|-----------------|---------------------|-----------------------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| PN | AB | JP 10-63394 | 03/09/89 | Japan | | | | |
| | AC | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|----|----|---|
| PN | AD | Al-Jauby et al., Infection and Immunity 62:956-960 (1994) |
| | AE | Aullo et al., EMBO J. 11:575-583 (1992) |
| | AF | Chao et al., J. Biol. Chem. 264:5812-5817 (1989) |
| | AG | Lin et al., FASEB J. 7:1070-1080 (1993) |
| | AH | Moebius et al., J. Exp. Med. 176:507-517 (1992) |
| PN | AI | Sekigawa et al., J. Virol. 64:5194-5198 (1990) |

EXAMINER

Patrick J. Nolan

DATE CONSIDERED

11/15/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)